

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/502,145  
Source: PCT/10  
Date Processed by STIC: 6/3/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/03/2005

PATENT APPLICATION: US/10/502,145

TIME: 11:22:00

Input Set : D:\SEQLIST.txt

Output Set: N:\CRF4\06032005\J502145.raw

2 <110> APPLICANT: MACKAY, CHARLES REAY  
 4 <120> TITLE OF INVENTION: Anti-C5aR antibodies and uses thereof  
 6 <130> FILE REFERENCE: RICE-032  
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/10/502,145  
 C--> 8 <141> CURRENT FILING DATE: 2004-07-19  
 8 <150> PRIOR APPLICATION NUMBER: USSN 60/350,961  
 9 <151> PRIOR FILING DATE: 2002-01-25  
 11 <160> NUMBER OF SEQ ID NOS: 34  
 13 <170> SOFTWARE: PatentIn version 3.1  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 350  
 17 <212> TYPE: PRT  
 18 <213> ORGANISM: Homo sapiens  
 20 <400> SEQUENCE: 1  
 22 Met Asn Ser Phe Asn Tyr Thr Thr Pro Asp Tyr Gly His Tyr Asp Asp  
 23 1 5 10 15  
 26 Lys Asp Thr Leu Asp Leu Asn Thr Pro Val Asp Lys Thr Ser Asn Thr  
 27 20 25 30  
 30 Leu Arg Val Pro Asp Ile Leu Ala Leu Val Ile Phe Ala Val Val Phe  
 31 35 40 45  
 34 Leu Val Gly Val Leu Gly Asn Ala Leu Val Val Trp Val Thr Ala Phe  
 35 50 55 60  
 38 Glu Ala Lys Arg Thr Ile Asn Ala Ile Trp Phe Leu Asn Leu Ala Val  
 39 65 70 75 80  
 42 Ala Asp Phe Leu Ser Cys Leu Ala Leu Pro Ile Leu Phe Thr Ser Ile  
 43 85 90 95  
 46 Val Gln His His Trp Pro Phe Gly Gly Ala Ala Cys Ser Ile Leu  
 47 100 105 110  
 50 Pro Ser Leu Ile Leu Leu Asn Met Tyr Ala Ser Ile Leu Leu Ala  
 51 115 120 125  
 54 Thr Ile Ser Ala Asp Arg Phe Leu Leu Val Phe Lys Pro Ile Trp Cys  
 55 130 135 140  
 58 Gln Asn Phe Arg Gly Ala Gly Leu Ala Trp Ile Ala Cys Ala Val Ala  
 59 145 150 155 160  
 62 Trp Gly Leu Ala Leu Leu Leu Thr Ile Pro Ser Phe Leu Tyr Arg Val  
 63 165 170 175  
 66 Val Arg Glu Glu Tyr Phe Pro Pro Lys Val Leu Cys Gly Val Asp Tyr  
 67 180 185 190  
 70 Ser His Asp Lys Arg Arg Glu Arg Ala Val Ala Ile Val Arg Leu Val  
 71 195 200 205  
 74 Leu Gly Phe Leu Trp Pro Leu Leu Thr Leu Thr Ile Cys Tyr Thr Phe  
 75 210 215 220  
 78 Ile Leu Leu Arg Thr Trp Ser Arg Arg Ala Thr Arg Ser Thr Lys Thr

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79 225                230                235                240
82 Leu Lys Val Val Val Ala Val Val Ala Ser Phe Phe Ile Phe Trp Leu
83                245                250                255
86 Pro Tyr Gln Val Thr Gly Ile Met Met Ser Phe Leu Glu Pro Ser Ser
87                260                265                270
90 Pro Thr Phe Leu Leu Leu Asn Lys Leu Asp Ser Leu Cys Val Ser Phe
91                275                280                285
94 Ala Tyr Ile Asn Cys Cys Ile Asn Pro Ile Ile Tyr Val Val Ala Gly
95                290                295                300
98 Gln Gly Phe Gln Gly Arg Leu Arg Lys Ser Leu Pro Ser Leu Leu Arg
99 305                310                315                320
102 Asn Val Leu Thr Glu Glu Ser Val Val Arg Glu Ser Lys Ser Phe Thr
103                325                330                335
106 Arg Ser Thr Val Asp Thr Met Ala Gln Lys Thr Gln Ala Val
107                340                345                350
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111 <211> LENGTH: 23
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: PCR primer
118 <400> SEQUENCE: 2
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122 <210> SEQ ID NO: 3
123 <211> LENGTH: 25
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
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130 <400> SEQUENCE: 3
131 acactcattc ctgttgaagc tcttg
134 <210> SEQ ID NO: 4
135 <211> LENGTH: 20
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: PCR primer
142 <400> SEQUENCE: 4
143 saggtccagc tgcarcagtc
146 <210> SEQ ID NO: 5
147 <211> LENGTH: 18
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: PCR primer
154 <400> SEQUENCE: 5
155 tgggcatgaa gaacctgg
158 <210> SEQ ID NO: 6
159 <211> LENGTH: 23

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160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: PCR primer
166 <400> SEQUENCE: 6
167 gatgttttga tgacccaaac tcc 23
170 <210> SEQ ID NO: 7
171 <211> LENGTH: 25
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: PCR primer
178 <400> SEQUENCE: 7
179 acactcattc ctgttgaagc tcttg 25
182 <210> SEQ ID NO: 8
183 <211> LENGTH: 20
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: PCR primer
190 <400> SEQUENCE: 8
191 saggtccagc tgcarcagtc 20
194 <210> SEQ ID NO: 9
195 <211> LENGTH: 18
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: PCR primer
202 <400> SEQUENCE: 9
203 tttgcatgga ggacaggg 18
206 <210> SEQ ID NO: 10
207 <211> LENGTH: 23
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: PCR primer
214 <400> SEQUENCE: 10
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218 <210> SEQ ID NO: 11
219 <211> LENGTH: 25
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: PCR primer
226 <400> SEQUENCE: 11
227 acactcattc ctgttgaagc tcttg 25
230 <210> SEQ ID NO: 12
231 <211> LENGTH: 20
232 <212> TYPE: DNA

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235 <220> FEATURE:
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243 <211> LENGTH: 18
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: PCR primer
250 <400> SEQUENCE: 13
251 tgggcatgaa gaacctgg                                     18
254 <210> SEQ ID NO: 14
255 <211> LENGTH: 336
256 <212> TYPE: DNA
257 <213> ORGANISM: Mus musculus
259 <400> SEQUENCE: 14
260 gatgttgtga tgacccaaat tccactctcc ctgcctgtca gtcttggaga tcaaacctcc   60
262 atctcttgca gatctagtca gaccttata cacagtaatg gaaacaccta ttacattgg   120
264 tacctgcaga agccaggcca gtctccaaag ctctgatct acaaagtttc caaccgattt   180
266 tctgggggtcc cagacagggt cagtggcagt ggatcaggga cagatttcac actcaagatc   240
268 agcagagtgg aggtctgagga tatgggagtt tatttctgct ctcaaagtac acatgttcct   300
270 ccgacgttcg gtggaggcac caagctggaa atcaaa               336
273 <210> SEQ ID NO: 15
274 <211> LENGTH: 112
275 <212> TYPE: PRT
276 <213> ORGANISM: Mus musculus
278 <400> SEQUENCE: 15
280 Asp Val Val Met Thr Gln Ile Pro Leu Ser Leu Pro Val Ser Leu Gly
281 1          5          10          15
284 Asp Gln Thr Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Ile His Ser
285          20          25          30
288 Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
289          35          40          45
292 Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
293          50          55          60
296 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
297 65          70          75          80
300 Ser Arg Val Glu Ala Glu Asp Met Gly Val Tyr Phe Cys Ser Gln Ser
301          85          90          95
304 Thr His Val Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
305          100         105         110
308 <210> SEQ ID NO: 16
309 <211> LENGTH: 363
310 <212> TYPE: DNA
311 <213> ORGANISM: Mus musculus
313 <400> SEQUENCE: 16
314 caggttcagc tgcagcagtc tggacctgag gtggtgaagc ctggggcctc agtgaagatt   60

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316 tcctgcaagg cttctggcta cgcattcagt aggtcctgga tgaactgggt gaagcagagg      120
318 cctggaaagg gtcttgagtg gattggacgg attgatgctg gagatggaga tactaaatac      180
320 aatgggaagt tcaagggcaa ggccacactg actgcagaca aatcctccag cacagcctac      240
322 atgcaactca gcagcctgac atctgaggac tctgcggtct acttctgtgc aagccttctc      300
324 attactacgg tagtgggagc tatggactac tggggtaag gaacctcagt caccgtctcc      360
326 tca                                                                                   363
329 <210> SEQ ID NO: 17
330 <211> LENGTH: 121
331 <212> TYPE: PRT
332 <213> ORGANISM: Mus musculus
334 <400> SEQUENCE: 17
336 Gln Val Gln Leu Gln Gln Ser Gly Pro Glu Val Val Lys Pro Gly Ala
337 1          5          10          15
340 Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ala Phe Ser Arg Ser
341          20          25          30
344 Trp Met Asn Trp Val Lys Gln Arg Pro Gly Lys Gly Leu Glu Trp Ile
345          35          40          45
348 Gly Arg Ile Asp Ala Gly Asp Gly Asp Thr Lys Tyr Asn Gly Lys Phe
349          50          55          60
352 Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser Thr Ala Tyr
353 65          70          75          80
356 Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe Cys
357          85          90          95
360 Ala Ser Leu Leu Ile Thr Thr Val Val Gly Ala Met Asp Tyr Trp Gly
361          100         105         110
364 Gln Gly Thr Ser Val Thr Val Ser Ser
365          115         120
368 <210> SEQ ID NO: 18
369 <211> LENGTH: 336
370 <212> TYPE: DNA
371 <213> ORGANISM: Mus musculus
373 <400> SEQUENCE: 18
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376 atctcttgca gatctagtca gaccttgta cacagtaatg gaaacaccta ttacattgg      120
378 tacctgcaga agccaggcca gtctccaaag ctctgatct acaaagtttc caaccgattt      180
380 tctgggggtcc cagacagggt cagtggcagt ggatcagggg cagatttctc actcaagatc      240
382 agcagagtgg aggctgagga tctgggagtt tatttctgct ctcaaagtac acttggtccg      300
384 ctacagttcg gtgctgggac caagctggaa ctgaaa                                     336
387 <210> SEQ ID NO: 19
388 <211> LENGTH: 112
389 <212> TYPE: PRT
390 <213> ORGANISM: Mus musculus
392 <400> SEQUENCE: 19
394 Asp Val Val Met Thr Gln Ser Pro Leu Ser Leu Pro Val Ser Leu Gly
395 1          5          10          15
398 Asn Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
399          20          25          30
402 Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
403          35          40          45

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**VERIFICATION SUMMARY**

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Input Set : D:\SEQLIST.txt

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L:8 M:270 C: Current Application Number differs, Replaced Current Application No

L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date